|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| i | i<=136 | I\*3 | Output |  |  |
| 1 | 1<=136 TRUE | 1\*3=3 | 3\* |  |  |
| 3 | 3<=136 TRUE | 3\*3=9 | 9\* |  |  |
| 9 | 9<=136 TRUE | 9\*3=27 | 27\* |  |  |
| 27 | 27<=136 TRUE | 27\*3=81 | 81\* |  |  |
| 81 | 81<=136 TRUE | 81\*3=243 |  |  |  |
| 243 | 243<=136  FALSE |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| X | X<=20 | X%5==0 | OUTPUT |  |  |
| 11 | 11<=20 TRUE | 11%5==0 FALSE | 11--- |  |  |
| 12 | 12<=20 TRUE | 12%5==0 FALSE | 12--- |  |  |
| 13 | 13<=20 TRUE | 13%5==0 FALSE | 13--- |  |  |
| 14 | 14<=20 TRUE | 14%5==0 FALSE | 14-- |  |  |
| 15 | 15<=20 TRUE | 15%5==0 TRUE | 15 |  |  |
| 16 | 16<=20 TRUE | 16%5==0 FALSE | 16--- |  |  |
| 17 | 17<=20 TRUE | 17%5==0 FALSE | 17--- |  |  |
| 18 | 18<=20 TRUE | 18%5==0 FALSE | 18--- |  |  |
| 19 | 19<=20 TRUE | 19%5==0 FALSE | 19--- |  |  |
| 20 | 20<=20 TRUE | 20%5==0 TRUE | 20 |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| i | j | OUTPUT |  |  |  |
| 3 | 7 | 4-6 |  |  |  |
| 4 | 6 | 5-5 |  |  |  |
| 5 | 5 | 5-4 |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| i | Result | Result=result +1 | Output |  |  |  |
| 1 | 0 | 0+1=1 |  |  |  |  |
| 2 | 1 | 1+1=2 |  |  |  |  |
| 3 | 2 | 2+1=3 |  |  |  |  |
| 4 | 3 | 3+1=4 |  |  |  |  |
| 5 | 4 | 4+1=5 |  |  |  |  |
| 6 | 5 | 5+1=6 |  |  |  |  |
| 7 | 6 | 6+1=7 |  |  |  |  |
| 8 | 7 | 7+1=8 |  |  |  |  |
| 9 | 8 | 8+1=9 |  |  |  |  |
| 10 | 9 | 9+1=10 |  |  |  |  |
| 11 | 10 | 10+1=11 |  |  |  |  |
| 12 | 11 | 11+1=12 |  |  |  |  |
| 13 | 12 | 12+1=13 |  |  |  |  |
| 14 | 13 | 13+1=14 |  |  |  |  |
| 15 | 14 | 14+1=15 |  |  |  |  |
| 16 | 15 | 15+1=16 |  |  |  |  |
| 17 | 16 | 16+1=17 |  |  |  |  |
| 18 | 17 | 17+1=18 |  |  |  |  |
| 19 | 18 | 18+1=19 |  |  |  |  |
| 20 | 19 | 19+1=20 | 20 |  |  |  |
|  |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| i | i>=0 | Output |  |  |  |
| 5 | 5>=0 TRUE | 4 |  |  |  |
| 4 | 4>=0 TRUE | 3 |  |  |  |
| 3 | 3>=0 TRUE | 2 |  |  |  |
| 2 | 2>=0 TRUE | 1 |  |  |  |
| 1 | 1>=0 TRUE | 0 |  |  |  |
| 0 | 0>=0 TRUE | -1 |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| I | A | Output |  |  |  |
| 1 | 0 |  |  |  |  |
| 2 | 1 |  |  |  |  |
| 3 | 3 |  |  |  |  |
| 4 | 6 |  |  |  |  |
| 5 | 10 | 5 -10 |  |  |  |